

TM008

Claims

1-8 Canceled

9. (New) A plug connector (1), for electrically connecting electronic components, the connector comprising:

one or more contact elements (6);

a housing (2) having a lower part (3) and an upper part (4) that can be joined to said lower part (3), the one or more contact elements (6) being contained between the lower part (3) and the upper part (4), wherein lower ends of the one or more contact elements (6) project through openings (O) located in the housing (2), and upper ends of the contact elements (6) being able to be contacted via openings (O) located in the upper part (4) of the housing (2), and a respective contact element (6) is formed from at least three limbs (61, 62, 63), which extend in a stepped manner inside the housing (2), one of the limbs (62) being flexibly arranged inside a cavity (11) formed between the upper part (4) and lower part (3)..

10. (New) A plug connector according to claim 9, wherein a middle limb (62) arranged between two outer limbs (61, 63) of the respective contact element (6) is flexibly arranged in the cavity (11).

11. (New) A plug connector according to claim 10, wherein the two outer limbs (61, 63) extend approximately in the same direction, while the middle limb (62) in the region of the cavity (11) encloses with the respective outer limb (61, 63) an approximately equal-sized aperture angle α , which allows for a bending deformation of the middle limb (62) of the contact element (6).

12. (New) A plug connector according to claim 10, wherein at least one of the one or more contacts elements is formed in one piece.

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13. (New) A plug connector according to claim 10, wherein two or more contact elements (6) are uniformly embodied and are arranged in the housing (2) at a constant distance from each other in a substantially identical position.
14. (New) A plug connector according to claim 9, wherein the housing (2) comprises at least two bores (8) and at least two fixing elements (9) for fastening.
15. (New) A plug connector according to claim 14, wherein the fixing elements (9) are embedded as plastic tongues with a shoulder (A).
16. (New) A plug connector according to claim 14, wherein the fixing elements taper towards an end thereof.